

OFFSET FRAME GRATE WHERE OPENING IS DIRECTLY OVER LADDER AND RESTRICTOR IS VISIBLE AT ONE EDGE OF GRATE.

ALUM. HOOD WITH SOLID TOP (SEE TABLE).  
WELD TO OVERFLOW PIPE.

OVERFLOW ELEV. SET TO PROVIDE  
REQUIRED DETENTION.

STAINLESS STEEL STRAPS  
@ 24" CTRS. MIN.

MANHOLE STEPS (TYP.)

LOW WATER ELEVATION

CMP OR CP

BAND OR 6" GROUT  
ALL AROUND.

ALUM. RESTRICTOR PLATE WITH  
ROUND CLEAN ORIFICE CUT IN 12 GAUGE  
PLATE AND WELD TO ALUM. CMP CROSS.

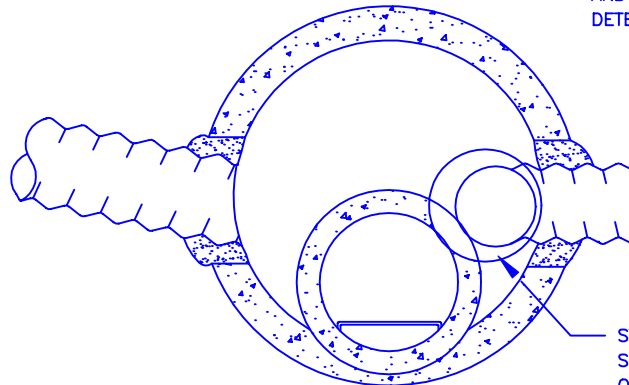
GASKETTED CAP WITH 3-7/16SS HEX  
HEAD SHEET METAL SCREWS.  
ONE ON EACH SIDE AND TOP.

TYPE 2 CATCH BASIN  
OR LARGER IF REQUIRED

FLOATABLES SEPARATOR WITH OVERFLOW RISER

OUTFLOW PIPE DIA. (d)	HOOD DIA.	MIN. BASIN I.D. (D)
8"	12"	54"
12"	18"	54"
15"	21"	60"

\* FOR OUTLET PIPES LARGER THAN 15"  
AND BASINS LARGER THAN 60" USE TYPE "B"  
DETENTION SYSTEM CONTROL STRUCTURE.



STRUCTURE IS ONLY  
SLIGHTLY VISIBLE IN ACCESS  
OPENING. CONTROL STRUCTURE  
SHOULD NOT BLOCK ACCESS.

PLAN VIEW

## DETENTION SYSTEM CONTROL STRUCTURE

NO SCALE

APPROVED: JON C. SPANGLER

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STORMWATER DIVISION



STANDARD DETAILS

## DETENTION SYSTEM CONTROL STRUCTURE

FILE SD610.DWG DRAWING NO. 610